Title (en)

OPTICAL FIBER CONNECTION SYSTEM INCLUDING OPTICAL FIBER ALIGNMENT DEVICE

Title (de)

GLASFASERVERBINDUNGSSYSTEM MIT EINER GLASFASERAUSRICHTUNGSVORRICHTUNG

Title (fr)

SYSTÈME DE CONNEXION DE FIBRE OPTIQUE COMPRENANT UN DISPOSITIF D'ALIGNEMENT DE FIBRES OPTIQUES

Publication

EP 3312648 B1 20200715 (EN)

Application

EP 17208003 A 20130206

Priority

- US 201261596035 P 20120207
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- EP 2013052345 W 20130206

Abstract (en)

[origin: WO2013117598A2] The present disclosure relates to an optical fiber alignment device that has an alignment housing that includes first and second ends. The alignment housing defines a fiber insertion axis that extends through the alignment housing between the first and second ends. The alignment housing includes a fiber alignment region at an intermediate location between the first and second ends. First and second fiber alignment rods are positioned within the alignment housing. The first and second fiber alignment rods cooperate to define a fiber alignment groove that extends along the fiber insertion axis. The first and second fiber alignment rods each having rounded ends positioned at the first and second ends of the alignment housing.

IPC 8 full level

G02B 6/38 (2006.01); **G02B 6/36** (2006.01)

CPC (source: CN EP KR RU US)

G02B 6/3806 (2013.01 - CN KR US); **G02B 6/3809** (2013.01 - CN EP KR US); **G02B 6/3821** (2013.01 - KR US); **G02B 6/3825** (2013.01 - CN EP KR US); **G02B 6/3846** (2013.01 - CN EP KR US); **G02B 6/3865** (2013.01 - KR US); **G02B 6/3882** (2013.01 - CN EP KR US); **G02B 6/3893** (2013.01 - EP KR US); G02B 6/38 (2013.01 - RU)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2013117598 A2 20130815; **WO 2013117598 A3 20131003**; **WO 2013117598 A4 20131121**; AP 2014007871 A0 20140831; AU 2013203876 A1 20130822; AU 2013203876 B2 20150625; AU 2015230803 A1 20151015; AU 2015230803 B2 20170427; AU 2017208320 A1 20170824; AU 2019204864 A1 20190725; AU 2019204864 B2 20210415; AU 2019204864 B9 20210422; AU 2019204864 C1 20210812; BR 112014019514 A2 20170620; BR 112014019514 A8 20170711; CA 2863926 A1 20130815; CA 2863926 C 20190702; CL 2014002081 A1 20150424; CN 104321674 A 20150128; CN 104321674 B 20160309; CN 105589137 A 20160518; CN 105589137 B 20180424; EP 2815258 A2 20141224; EP 2815258 B1 20171220; EP 3312648 A1 20180425; EP 3312648 B1 20200715; ES 2659192 T3 20180314; JP 2015510144 A 20150402; JP 6306516 B2 20180404; KR 101937131 B1 20190110; KR 101973354 B1 20190826; KR 20140124829 A 20141027; KR 20190006587 A 20190118; MX 2014009510 A 20141024; MX 338075 B 20160401; MX 343974 B 20161130; NZ 628299 A 20160331; PE 20142181 A1 20150109; PH 12014501789 A1 20141117; RU 2014136393 A 20160410; RU 2634791 C2 20171103; SG 11201404688X A 20140926; US 10001605 B2 20180619; US 10564369 B2 20200218; US 11262511 B2 20220301; US 11892689 B2 20240206; US 2016018604 A1 20160121; US 2017123166 A1 20170504; US 2018341071 A1 20181129; US 2020241219 A1 20200730; US 2022187546 A1 20220616; US 9575263 B2 20170221; ZA 201406531 B 20150624

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EP 2013052345 W 20130206; AP 2014007871 A 20130206; AU 2013203876 A 20130206; AU 2015230803 A 20150925; AU 2017208320 A 20170727; AU 2019204864 A 20190705; BR 112014019514 A 20130206; CA 2863926 A 20130206; CL 2014002081 A 20140806; CN 201380018911 A 20130206; CN 201610085681 A 20130206; EP 13704398 A 20130206; EP 17208003 A 20130206; ES 13704398 T 20130206; JP 2014556037 A 20130206; KR 20147025156 A 20130206; KR 20197000203 A 20130206; MX 2014009510 A 20130206; MX 2016004171 A 20130206; NZ 62829913 A 20130206; PE 2014001236 A 20130206; PH 12014501789 A 20140807; RU 2014136393 A 20130206; SG 11201404688X A 20130206; US 201314377189 A 20130206; US 201715403644 A 20170111; US 201815980170 A 20180515; US 201916726430 A 20191224; US 202217676027 A 20220218; ZA 201406531 A 20140905